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Antiseptics!

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PROVISIONAL SPECIFICATION.

New or Improved Compositions for Preserving Beer, Wine, Milk, and other Liquids.

I, JOHN WILLIAM PICKLES, of 40 Clay Pit Lane, Woodhouse Lane, in the City of Leeds, Drysalter, do hereby declare the nature of this invention to be as follows :—

My invention consists in new or improved compositions for preserving beer, wine, milk, and other liquids.

According to my invention I combine :—

Firstly, bicarbonate of potass, aniline (primrose yellow) and capsicum, which are infused with sulphur.

Secondly, bicarbonate of potass, salicylate of soda, which are infused with sulphur.

The above form two separate compositions and may be used as such ; or they may be combined or used conjointly, as one, according to circumstances.

Dated this 5th day of October 1893.

JOHN E. WALSH,
Royal Exchange Chambers, Boar Lane, Leeds,
Patent Agent to the Applicant.

COMPLETE SPECIFICATION.

New or Improved Compositions for Preserving Beer, Wine, Milk, and other Liquids.

I, JOHN WILLIAM PICKLES, of 40 Claypit Lane, Woodhouse Lane, in the City of Leeds, Drysalter, do hereby declare the nature of this invention, and in what manner the same is to be performed, to be particularly described and ascertained in and by the following statement :—

My invention consists in new or improved compositions for preserving beer, wine, milk, and other liquids.

According to my invention I combine ;

Firstly, bicarbonate of potass, boracic acid, aniline primrose yellow, which are infused with sulphur, and capsicum added when packing.

Secondly, bicarbonate of potass, salicylate of soda, and boracic acid, which are infused with sulphur, the amount of which is judged or regulated according to the condition of the different bodies.

The above form two separate compositions, and may be used as such, or they may be combined or used conjointly as one according to circumstances, either with or without capsicum and primrose yellow.

I combine the said ingredients in proportions such as follows, say for about 60 lbs. of composition No. 1.

Bicarbonate of potass	- -	¾ lb. to 1 lb. (of composition)
Boracic acid - - -	-	¼ lb. to 1 lb. „ „
Aniline primrose yellow	- -	1 oz. to 1 lb. „ „

(diluted in water).

[*Price* 8*d*.]

Sulphur fumes derived from burning 14 lbs. of sulphur which may be added to as required.

Capsicum - - - - 1 or 2 ozs.

For the same quantity of composition No. 2.

Boracic acid - - - -	½ lb. to 1 lb. of composition	
Salicylate of soda - - -	¼ lb. to 1 lb. „	„
Bicarbonate of potass - - -	¼ lb. to 1 lb. „	„

Sulphur fumes obtained from burning 4 lbs. of sulphur which may be added to as required, the more sulphur infused the better.

In carrying out the infusion process, the composition or ingredients are placed in a fixed chamber fitted with a perforated bottom, underneath which is one end of a pipe leading or branching into a further chamber in which the sulphur is burnt, the fumes from which are driven by means of a fan provided in connection with the said sulphur chamber along the said branch pipe, into the chamber holding the composition or ingredients with which the said fumes mix.

Or I may employ a rotary chamber for holding the composition or ingredients, which may be driven or have motion imparted to it by hand. In this case the sulphur fumes are obtained in the same manner and passed into the rotary chamber by means of the fan and branch pipe or connection.

The motion of the rotary chamber causes an agitation of the composition or ingredients which produces a better infusion of the sulphur with the materials.

Having now particularly described and ascertained the nature of my said invention and in what manner the same is to be performed I declare that what I claim is :—

1. A composition, for preserving beer, wine, milk, and other liquids, infused with sulphur, substantially as set forth.

2. The composition, for preserving beer, wine, milk, and other liquids, composed of bicarbonate of potass, boracic acid, aniline primrose yellow, capsicum, and sulphur infused therein, substantially as set forth.

3. The composition, for preserving beer, wine, milk, and other liquids, composed of boracic acid, salicylate of soda, bicarbonate of potass, and sulphur infused therein, substantially as set forth.

4. The composition, for preserving beer, wine, milk, and other liquids, composed of bicarbonate of potass, boracic acid, salicylate of soda, and sulphur infused therein, with or without capsicum and primrose yellow, substantially as set forth.

Dated this 5th day of July 1894.

JOHN E. WALSH,
Royal Exchange Chambers, Boar Lane, Leeds,
Patent Agent to the Applicant.

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